

Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: NAGEEZI UNIT 218H	Property Code: 325268
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38298
Pool Name: NAGEEZI UNIT MANCOS OIL	Pool Code: 98080

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	26	24N	9W		1705 SOUTH	754 WEST	36.282587	-107.765359	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 11/2/2024	Perforations MD 6045-15391	Perforations TVD 5248-5229
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required/needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 388489	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 348176	Unit: ☒ Yes ☐ No, Order No. R-13856 / R-13856A
Intermediate 1 Casing Action ID: 362804	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 368509	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: 368509	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name Shaw-Marie Ford	
Title Regulatory Specialist	Date 12/12/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal ☐ Amended Report ☒ As Drilled

WELL LOCATION INFORMATION

API Number 30-045-38298	Pool Code 98080	Pool Name NAGEEZI UNIT MANCOS OIL POOL
Property Code 325268	Property Name NAGEEZI UNIT	Well Number 218H
OGRID No. 371838	Operator Name DJR OPERATING, LLC	Ground Level Elevation 6826'
Surface Owner: ☐ State ☐ Fee ☒ Tribal ☐ Federal		Mineral Owner: ☐ State ☒ Fee ☒ Tribal ☒ Federal

Surface Location (SHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
L	26	24N	9W		1705' SOUTH	754' WEST	36.282587° N	107.765359° W	SAN JUAN

Bottom Hole Location (BHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
P	36	24N	9W		278' SOUTH	228' EAST	36.264303° N	107.732961° W	SAN JUAN

Dedicated Acres PENETRATED SPACING UNIT; SEC 26: SE/4 (160 AC.); SEC 25: SW/SW (40 AC.); SEC 35: NE/NE (40 AC.); SEC 36: NW/4, SW/NE, NE/SW & SE/4 (400 AC.) = 640 ACRES	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code Unit
Order Numbers: R-13856 R-13856A		Well Setbacks are under Common Ownership: ☒ Yes ☐ No		

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
J	26	24N	9W		1605' SOUTH	2040' EAST	36.282230° N	107.756982° W	SAN JUAN

Fist Take Point (FTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
J	26	24N	9W		1410' SOUTH	1816' EAST	36.281915° N	107.756222° W	SAN JUAN

Last Take Point (LTP)

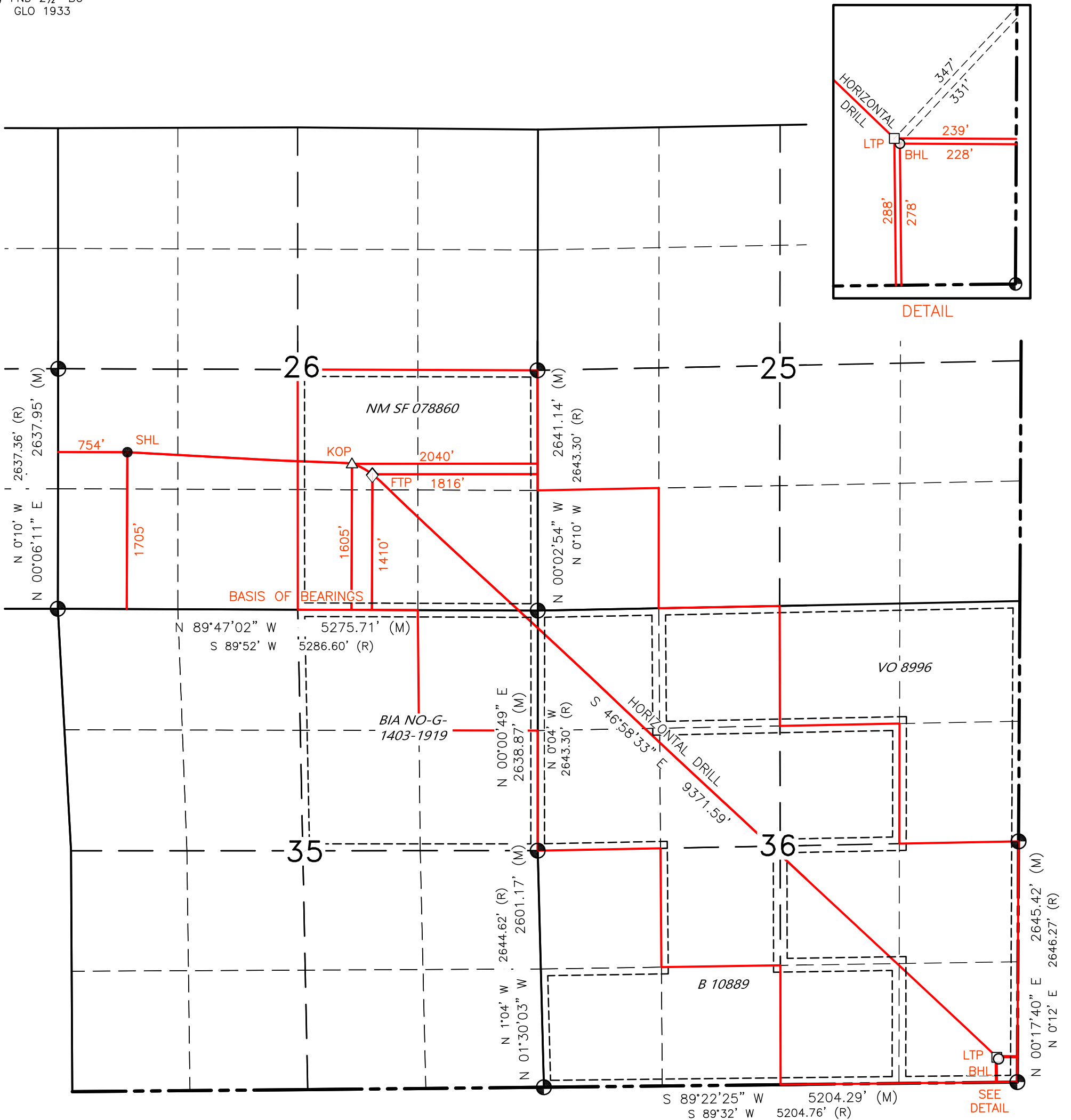
UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
P	36	24N	9W		288' SOUTH	239' EAST	36.264332° N	107.732998° W	SAN JUAN

Unitized Area or Area of Uniform Interest NAGEEZI	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
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OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Shaw-Marie Ford Signature 9/4/2024 Date Shaw-Marie Ford Printed Name sford@enduringresources.com E-mail Address	SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Signature and Seal of Professional Surveyor: Certificate Number 11393 Date of Survey AUGUST 26, 2024
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

FND 2 1/2" BC
GLO 1933



SURFACE LOCATION (SHL) ●
1705' FSL 754' FWL
SEC. 26, T24N, R9W
LAT. 36.282587° N (NAD83)
LONG. 107.765359° W (NAD83)

KICK OFF POINT (KOP) ▲
1605' FSL 2040' FEL
SEC. 26, T24N, R9W
LAT. 36.282230° N (NAD83)
LONG. 107.756982° W (NAD83)

FIRST TAKE POINT (FTP) ◆
1410' FSL 1816' FEL
SEC. 26, T24N, R9W
LAT. 36.281915° N (NAD83)
LONG. 107.756222° W (NAD83)

LAST TAKE POINT (LTP) □
288' FSL 239' FEL
SEC. 36, T24N, R9W
LAT. 36.264332° N (NAD83)
LONG. 107.732998° W (NAD83)

BOTTOM HOLE LOCATION (BHL) ○
278' FSL 228' FEL
SEC. 36, T24N, R9W
LAT. 36.264303° N (NAD83)
LONG. 107.732961° W (NAD83)



Well: Nageezi Unit 218H
Site: Nageezi Unit (213, 214, 215, 216, 217 & 218)
Project: San Juan County, New Mexico NAD83 NM W
Design: MWD surveys
Rig: Ensign 140

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Western Zone
 System Datum: Mean Sea Level
 Depth Reference: RKB=6826+23.5 @ 6849.50ft (Ensign 140)

Surface location:
 Northing 1922167.99 Easting 2743125.64 Latitude 36.28258700 Longitude -107.76535900

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.454°



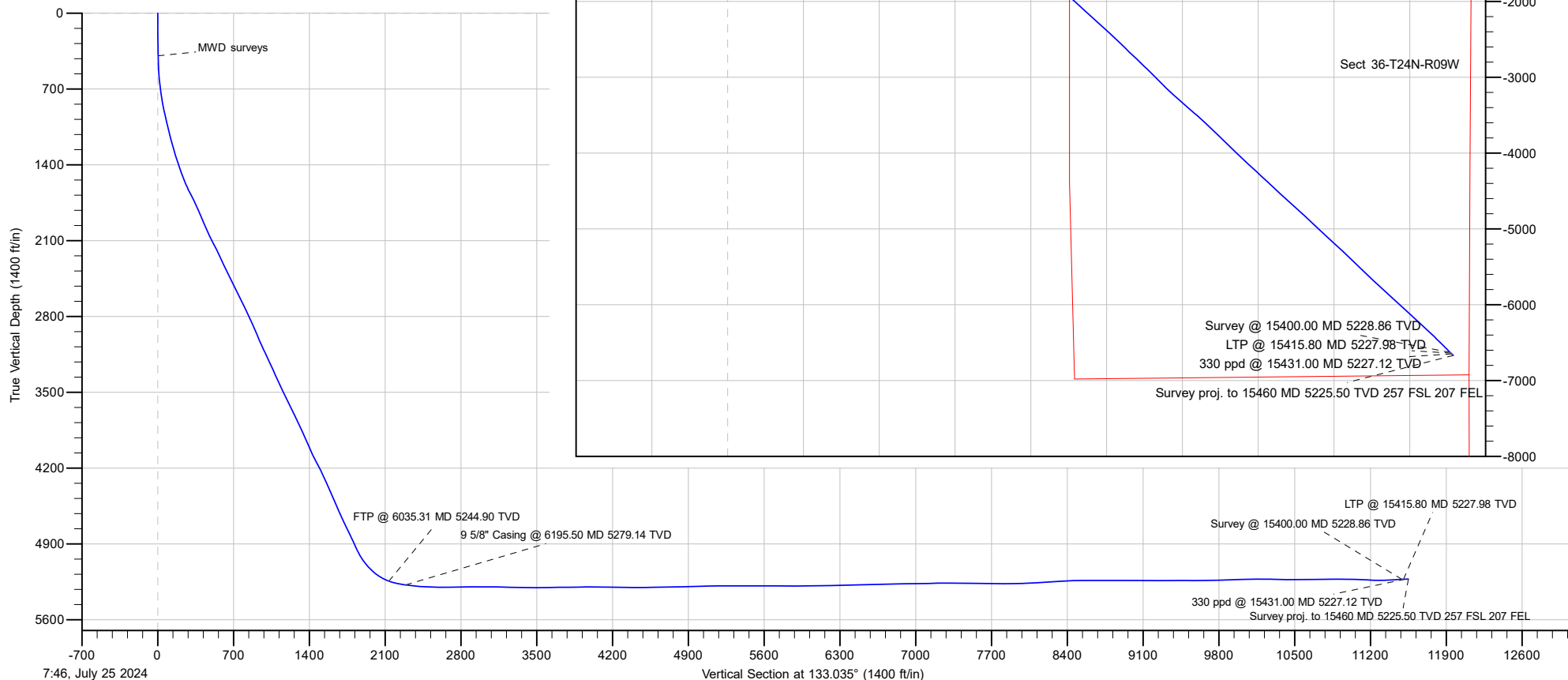
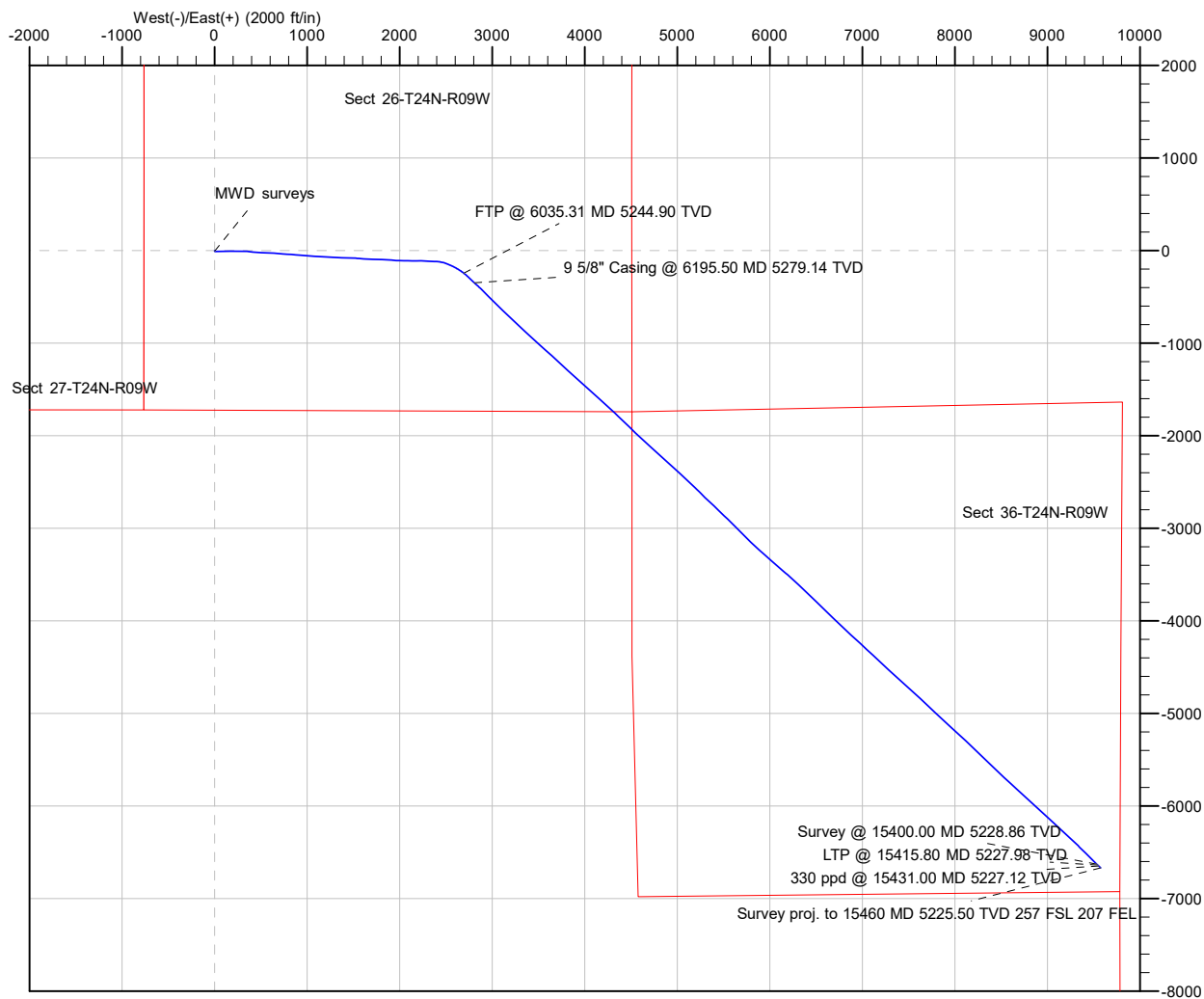
Azimuths to Grid North
 True North: -0.04°
 Magnetic North: 8.45°

Magnetic Field
 Strength: 49029.9nT
 Dip Angle: 62.72°
 Date: 6/16/2024
 Model: IGRF2020



ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
394.00	1.47	163.090	393.96	-4.84	1.47	4.37	MWD surveys
6035.31	69.74	127.953	5244.90	-242.79	2693.28	2134.30	FTP @ 6035.31 MD 5244.90 TVD
6195.50	81.81	133.203	5279.14	-346.90	2809.62	2290.40	9 5/8" Casing @ 6195.50 MD 5279.14 TVD
15400.00	93.21	133.900	5228.86	-6626.15	9533.19	11490.14	Survey @ 15400.00 MD 5228.86 TVD
15415.80	93.21	133.900	5227.98	-6637.09	9544.55	11505.91	LTP @ 15415.80 MD 5227.98 TVD
15431.00	93.21	133.900	5227.12	-6647.61	9555.49	11521.09	330 ppd @ 15431.00 MD 5227.12 TVD
15460.00	93.21	133.900	5225.50	-6667.69	9576.35	11550.04	Survey proj. to 15460 MD 5225.50 TVD 257 FSL 207 FEL



7:46, July 25 2024

Vertical Section at 133.035° (1400 ft/in)



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Project	San Juan County, New Mexico NAD83 NM W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site		Nageezi Unit (213, 214, 215, 216, 217 & 218)			
Site Position:		Northing:	1,922,205.14 usft	Latitude:	36.28268900
From:	Lat/Long	Easting:	2,743,140.65 usft	Longitude:	-107.76530800
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "		

Well		Nageezi Unit 218H, Surf loc: 1705 FSL 754 FWL Section 26-T24N-R09W				
Well Position	+N/-S	0.00 ft	Northing:	1,922,167.99 usft	Latitude:	36.28258700
	+E/-W	0.00 ft	Easting:	2,743,125.64 usft	Longitude:	-107.76535900
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,826.00 ft
Grid Convergence:		0.040 °				

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/16/2024	8.494	62.722	49,029.93248587

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	133.035	

Survey Program	Date	7/25/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
394.00	6,112.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,209.00	15,400.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
15,460.00	15,460.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
394.00	1.47	163.090	393.96	-4.84	1.47	4.37	0.37	0.37	0.00
MWD surveys									
484.00	1.79	145.540	483.92	-7.10	2.60	6.75	0.65	0.36	-19.50
574.00	5.47	98.620	573.74	-8.90	7.64	11.66	4.94	4.09	-52.13
663.00	9.33	88.430	661.98	-9.34	19.05	20.30	4.56	4.34	-11.45
753.00	11.77	86.960	750.46	-8.65	35.51	31.86	2.73	2.71	-1.63
842.00	14.44	88.130	837.13	-7.81	55.67	46.02	3.01	3.00	1.31



Survey Report



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Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
932.00	16.97	89.310	923.76	-7.29	80.02	63.46	2.83	2.81	1.31
1,021.00	18.15	88.710	1,008.62	-6.82	106.87	82.77	1.34	1.33	-0.67
1,113.00	19.05	89.150	1,095.81	-6.27	136.21	103.84	0.99	0.98	0.48
1,209.00	20.48	89.880	1,186.15	-6.00	168.67	127.38	1.51	1.49	0.76
1,302.00	21.81	89.260	1,272.89	-5.75	202.22	151.73	1.45	1.43	-0.67
1,396.00	24.02	90.780	1,359.47	-5.78	238.81	178.50	2.43	2.35	1.62
1,488.00	25.81	90.940	1,442.90	-6.37	277.56	207.22	1.95	1.95	0.17
1,582.00	27.72	90.320	1,526.83	-6.82	319.89	238.47	2.05	2.03	-0.66
1,673.00	30.23	94.280	1,606.44	-8.65	363.91	271.90	3.47	2.76	4.35
1,764.00	32.81	97.090	1,684.01	-13.40	411.23	309.73	3.26	2.84	3.09
1,856.00	31.30	95.230	1,761.98	-18.66	459.77	348.79	1.96	-1.64	-2.02
1,949.00	28.90	93.130	1,842.44	-22.09	506.27	385.13	2.82	-2.58	-2.26
2,039.00	28.93	91.570	1,921.22	-23.87	549.75	418.12	0.84	0.03	-1.73
2,128.00	31.40	90.780	1,998.16	-24.78	594.45	451.42	2.81	2.78	-0.89
2,217.00	32.91	94.720	2,073.51	-27.08	641.74	487.56	2.90	1.70	4.43
2,307.00	32.75	94.700	2,149.14	-31.09	690.37	525.83	0.18	-0.18	-0.02
2,397.00	31.72	94.490	2,225.27	-34.94	738.22	563.44	1.15	-1.14	-0.23
2,486.00	31.18	94.160	2,301.19	-38.44	784.52	599.67	0.64	-0.61	-0.37
2,575.00	30.53	93.810	2,377.60	-41.61	830.06	635.12	0.76	-0.73	-0.39
2,665.00	32.84	94.330	2,454.18	-44.98	877.21	671.88	2.58	2.57	0.58
2,755.00	32.97	94.380	2,529.74	-48.69	925.96	710.04	0.15	0.14	0.06
2,844.00	33.26	94.000	2,604.28	-52.24	974.45	747.91	0.40	0.33	-0.43
2,933.00	31.70	94.540	2,679.36	-55.79	1,022.11	785.17	1.78	-1.75	0.61
3,023.00	31.19	93.980	2,756.14	-59.28	1,068.93	821.78	0.65	-0.57	-0.62
3,112.00	30.34	94.130	2,832.62	-62.50	1,114.34	857.17	0.96	-0.96	0.17
3,202.00	28.89	94.160	2,910.86	-65.72	1,158.70	891.78	1.61	-1.61	0.03
3,291.00	29.09	92.740	2,988.71	-68.31	1,201.75	925.02	0.81	0.22	-1.60
3,381.00	30.58	92.770	3,066.77	-70.46	1,246.47	959.18	1.66	1.66	0.03
3,470.00	31.99	92.830	3,142.83	-72.72	1,292.64	994.46	1.58	1.58	0.07
3,560.00	31.10	92.150	3,219.53	-74.77	1,339.67	1,030.24	1.06	-0.99	-0.76
3,649.00	32.05	92.100	3,295.36	-76.50	1,386.24	1,065.46	1.07	1.07	-0.06
3,739.00	30.99	91.330	3,372.08	-77.91	1,433.27	1,100.80	1.26	-1.18	-0.86
3,828.00	32.17	92.940	3,447.90	-79.66	1,479.84	1,136.03	1.63	1.33	1.81
3,918.00	31.15	91.910	3,524.50	-81.66	1,527.04	1,171.90	1.28	-1.13	-1.14
4,007.00	32.99	94.320	3,599.92	-84.26	1,574.21	1,208.15	2.52	2.07	2.71
4,097.00	32.36	94.440	3,675.68	-87.97	1,622.66	1,246.09	0.70	-0.70	0.13
4,186.00	31.06	94.410	3,751.39	-91.58	1,669.30	1,282.65	1.46	-1.46	-0.03
4,276.00	31.51	92.260	3,828.30	-94.29	1,715.95	1,318.60	1.34	0.50	-2.39
4,366.00	32.07	91.480	3,904.80	-95.83	1,763.33	1,354.29	0.77	0.62	-0.87
4,455.00	29.96	90.820	3,981.08	-96.76	1,809.18	1,388.43	2.40	-2.37	-0.74
4,545.00	30.35	91.980	4,058.90	-97.87	1,854.38	1,422.22	0.78	0.43	1.29
4,635.00	34.22	94.800	4,134.97	-100.77	1,902.34	1,459.26	4.61	4.30	3.13
4,724.00	33.40	95.080	4,208.92	-105.04	1,951.68	1,498.23	0.94	-0.92	0.31



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,814.00	30.90	91.870	4,285.12	-107.98	1,999.46	1,535.17	3.36	-2.78	-3.57
4,903.00	30.91	90.680	4,361.48	-109.00	2,045.16	1,569.27	0.69	0.01	-1.34
4,993.00	30.66	91.530	4,438.80	-109.89	2,091.21	1,603.54	0.56	-0.28	0.94
5,082.00	31.05	89.870	4,515.21	-110.44	2,136.85	1,637.27	1.05	0.44	-1.87
5,172.00	31.14	89.620	4,592.28	-110.24	2,183.33	1,671.11	0.17	0.10	-0.28
5,262.00	31.52	90.860	4,669.15	-110.43	2,230.13	1,705.45	0.83	0.42	1.38
5,351.00	32.72	92.370	4,744.53	-111.78	2,277.42	1,740.93	1.62	1.35	1.70
5,441.00	31.80	93.070	4,820.64	-114.05	2,325.41	1,777.56	1.10	-1.02	0.78
5,530.00	31.42	92.230	4,896.43	-116.21	2,372.00	1,813.09	0.65	-0.43	-0.94
5,575.00	30.94	92.160	4,934.93	-117.10	2,395.28	1,830.72	1.07	-1.07	-0.16
5,620.00	32.48	95.490	4,973.22	-118.70	2,418.87	1,849.05	5.18	3.42	7.40
5,664.00	34.89	100.420	5,009.83	-122.10	2,443.02	1,869.02	8.28	5.48	11.20
5,709.00	37.73	104.760	5,046.10	-127.94	2,469.00	1,892.00	8.51	6.31	9.64
5,753.00	40.89	108.590	5,080.14	-135.97	2,495.68	1,916.97	9.05	7.18	8.70
5,798.00	44.11	112.260	5,113.32	-146.60	2,524.15	1,945.04	9.03	7.16	8.16
5,843.00	48.36	114.390	5,144.44	-159.48	2,553.97	1,975.63	10.04	9.44	4.73
5,888.00	52.78	116.840	5,173.02	-174.52	2,585.29	2,008.79	10.68	9.82	5.44
5,933.00	57.20	119.760	5,198.83	-192.01	2,617.72	2,044.42	11.17	9.82	6.49
5,978.00	62.12	123.260	5,221.56	-212.32	2,650.79	2,082.46	12.83	10.93	7.78
6,022.00	68.02	126.840	5,240.11	-235.25	2,683.42	2,121.95	15.30	13.41	8.14
6,035.31	69.74	127.953	5,244.90	-242.79	2,693.28	2,134.30	15.07	12.90	8.36
FTP @ 6035.31 MD 5244.90 TVD									
6,067.00	73.85	130.510	5,254.80	-261.83	2,716.59	2,164.34	15.07	12.98	8.07
6,112.00	79.13	132.600	5,265.31	-290.85	2,749.31	2,208.06	12.57	11.73	4.64
6,195.50	81.81	133.203	5,279.14	-346.90	2,809.62	2,290.40	3.28	3.21	0.72
9 5/8" Casing @ 6195.50 MD 5279.14 TVD									
6,209.00	82.24	133.300	5,281.01	-356.06	2,819.36	2,303.77	3.28	3.21	0.72
6,253.00	82.30	133.030	5,286.93	-385.89	2,851.16	2,347.37	0.62	0.14	-0.61
6,296.00	85.25	134.220	5,291.59	-415.38	2,882.10	2,390.11	7.39	6.86	2.77
6,384.00	87.86	135.320	5,296.88	-477.23	2,944.46	2,477.90	3.22	2.97	1.25
6,472.00	87.72	134.760	5,300.27	-539.46	3,006.59	2,565.78	0.66	-0.16	-0.64
6,560.00	90.52	134.080	5,301.62	-601.04	3,069.43	2,653.73	3.27	3.18	-0.77
6,648.00	91.30	134.630	5,300.23	-662.55	3,132.34	2,741.70	1.08	0.89	0.63
6,736.00	90.54	132.820	5,298.81	-723.36	3,195.93	2,829.68	2.23	-0.86	-2.06
6,824.00	89.97	132.540	5,298.42	-783.02	3,260.62	2,917.67	0.72	-0.65	-0.32
6,911.00	90.68	132.970	5,297.93	-842.08	3,324.50	3,004.67	0.95	0.82	0.49
6,999.00	89.70	133.460	5,297.64	-902.33	3,388.63	3,092.67	1.25	-1.11	0.56
7,086.00	88.28	132.440	5,299.17	-961.60	3,452.30	3,179.65	2.01	-1.63	-1.17
7,173.00	88.65	132.110	5,301.50	-1,020.10	3,516.65	3,266.61	0.57	0.43	-0.38
7,260.00	88.76	131.470	5,303.47	-1,078.06	3,581.50	3,353.57	0.75	0.13	-0.74
7,348.00	89.04	130.630	5,305.16	-1,135.84	3,647.85	3,441.50	1.01	0.32	-0.95
7,435.00	90.90	132.850	5,305.20	-1,193.76	3,712.76	3,528.47	3.33	2.14	2.55
7,523.00	91.28	133.640	5,303.53	-1,254.04	3,776.85	3,616.45	1.00	0.43	0.90
7,611.00	91.03	133.360	5,301.75	-1,314.60	3,840.67	3,704.43	0.43	-0.28	-0.32



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,699.00	90.53	131.880	5,300.56	-1,374.18	3,905.41	3,792.41	1.78	-0.57	-1.68
7,786.00	90.99	132.080	5,299.40	-1,432.37	3,970.08	3,879.39	0.58	0.53	0.23
7,874.00	90.97	131.530	5,297.90	-1,491.02	4,035.67	3,967.36	0.63	-0.02	-0.63
7,962.00	88.98	132.000	5,297.94	-1,549.63	4,101.30	4,055.33	2.32	-2.26	0.53
8,048.00	88.55	131.180	5,299.79	-1,606.70	4,165.61	4,141.28	1.08	-0.50	-0.95
8,136.00	89.42	132.860	5,301.35	-1,665.60	4,230.97	4,229.25	2.15	0.99	1.91
8,224.00	88.93	132.270	5,302.62	-1,725.12	4,295.78	4,317.24	0.87	-0.56	-0.67
8,312.00	89.16	134.010	5,304.08	-1,785.28	4,359.98	4,405.22	1.99	0.26	1.98
8,400.00	91.45	134.120	5,303.61	-1,846.48	4,423.21	4,493.20	2.61	2.60	0.13
8,488.00	91.31	134.140	5,301.49	-1,907.73	4,486.35	4,581.16	0.16	-0.16	0.02
8,575.00	91.41	133.800	5,299.43	-1,968.12	4,548.95	4,668.12	0.41	0.11	-0.39
8,663.00	90.89	132.560	5,297.66	-2,028.32	4,613.10	4,756.10	1.53	-0.59	-1.41
8,750.00	91.03	131.740	5,296.21	-2,086.70	4,677.59	4,843.08	0.96	0.16	-0.94
8,838.00	91.38	133.240	5,294.35	-2,146.12	4,742.47	4,931.05	1.75	0.40	1.70
8,924.00	91.33	132.510	5,292.32	-2,204.62	4,805.47	5,017.03	0.85	-0.06	-0.85
9,012.00	91.59	131.660	5,290.08	-2,263.58	4,870.76	5,104.99	1.01	0.30	-0.97
9,099.00	90.09	132.250	5,288.80	-2,321.73	4,935.45	5,191.96	1.85	-1.72	0.68
9,187.00	90.34	131.780	5,288.47	-2,380.63	5,000.83	5,279.95	0.60	0.28	-0.53
9,275.00	90.03	134.410	5,288.19	-2,440.75	5,065.09	5,367.94	3.01	-0.35	2.99
9,363.00	89.84	133.440	5,288.29	-2,501.80	5,128.47	5,455.93	1.12	-0.22	-1.10
9,450.00	89.84	132.420	5,288.53	-2,561.05	5,192.17	5,542.92	1.17	0.00	-1.17
9,538.00	89.83	134.810	5,288.79	-2,621.75	5,255.87	5,630.91	2.72	-0.01	2.72
9,626.00	89.66	133.720	5,289.18	-2,683.17	5,318.89	5,718.89	1.25	-0.19	-1.24
9,714.00	89.74	133.020	5,289.64	-2,743.60	5,382.86	5,806.89	0.80	0.09	-0.80
9,801.00	90.38	134.180	5,289.55	-2,803.60	5,445.86	5,893.88	1.52	0.74	1.33
9,889.00	90.10	133.390	5,289.18	-2,864.49	5,509.39	5,981.87	0.95	-0.32	-0.90
9,977.00	90.46	135.130	5,288.75	-2,925.90	5,572.41	6,069.85	2.02	0.41	1.98
10,065.00	91.95	135.610	5,286.90	-2,988.51	5,634.22	6,157.75	1.78	1.69	0.55
10,153.00	91.38	134.870	5,284.34	-3,050.97	5,696.15	6,245.65	1.06	-0.65	-0.84
10,241.00	91.31	133.990	5,282.27	-3,112.55	5,758.98	6,333.60	1.00	-0.08	-1.00
10,328.00	91.21	133.030	5,280.36	-3,172.44	5,822.06	6,420.57	1.11	-0.11	-1.10
10,416.00	91.37	132.660	5,278.38	-3,232.26	5,886.56	6,508.55	0.46	0.18	-0.42
10,504.00	91.48	131.900	5,276.19	-3,291.45	5,951.65	6,596.51	0.87	0.13	-0.86
10,591.00	91.64	131.330	5,273.82	-3,349.20	6,016.67	6,683.45	0.68	0.18	-0.66
10,679.00	91.25	130.530	5,271.60	-3,406.84	6,083.13	6,771.37	1.01	-0.44	-0.91
10,766.00	91.57	130.100	5,269.46	-3,463.11	6,149.45	6,858.24	0.62	0.37	-0.49
10,854.00	90.48	132.870	5,267.89	-3,521.39	6,215.36	6,946.19	3.38	-1.24	3.15
10,942.00	90.80	133.180	5,266.91	-3,581.43	6,279.68	7,034.18	0.51	0.36	0.35
11,029.00	91.09	132.800	5,265.47	-3,640.74	6,343.31	7,121.17	0.55	0.33	-0.44
11,117.00	91.52	132.210	5,263.47	-3,700.18	6,408.17	7,209.14	0.83	0.49	-0.67
11,203.00	89.09	134.530	5,263.01	-3,759.23	6,470.68	7,295.13	3.91	-2.83	2.70
11,291.00	89.74	134.850	5,263.91	-3,821.11	6,533.24	7,383.08	0.82	0.74	0.36
11,378.00	89.58	134.620	5,264.42	-3,882.35	6,595.04	7,470.04	0.32	-0.18	-0.26



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
11,465.00	89.28	133.830	5,265.29	-3,943.02	6,657.38	7,557.02	0.97	-0.34	-0.91	
11,553.00	89.47	133.210	5,266.25	-4,003.62	6,721.19	7,645.01	0.74	0.22	-0.70	
11,640.00	89.35	132.920	5,267.15	-4,063.02	6,784.74	7,732.01	0.36	-0.14	-0.33	
11,727.00	89.25	132.460	5,268.21	-4,122.00	6,848.69	7,819.00	0.54	-0.11	-0.53	
11,815.00	91.56	133.130	5,267.59	-4,181.78	6,913.25	7,906.99	2.73	2.63	0.76	
11,903.00	91.35	132.570	5,265.35	-4,241.61	6,977.75	7,994.96	0.68	-0.24	-0.64	
12,001.00	93.33	133.340	5,261.35	-4,308.33	7,049.41	8,092.87	2.17	2.02	0.79	
12,093.00	93.67	132.940	5,255.73	-4,371.12	7,116.41	8,184.70	0.57	0.37	-0.43	
12,185.00	93.93	132.670	5,249.64	-4,433.50	7,183.76	8,276.50	0.41	0.28	-0.29	
12,278.00	92.50	132.750	5,244.42	-4,496.48	7,251.99	8,369.35	1.54	-1.54	0.09	
12,370.00	92.77	132.310	5,240.19	-4,558.60	7,319.72	8,461.25	0.56	0.29	-0.48	
12,463.00	90.32	133.010	5,237.68	-4,621.59	7,388.08	8,554.20	2.74	-2.63	0.75	
12,555.00	89.36	131.050	5,237.94	-4,683.19	7,456.41	8,646.18	2.37	-1.04	-2.13	
12,648.00	89.95	133.550	5,238.50	-4,745.77	7,525.19	8,739.16	2.76	0.63	2.69	
12,740.00	89.90	132.620	5,238.62	-4,808.61	7,592.38	8,831.16	1.01	-0.05	-1.01	
12,832.00	90.27	132.180	5,238.49	-4,870.65	7,660.32	8,923.16	0.62	0.40	-0.48	
12,924.00	89.89	133.940	5,238.36	-4,933.46	7,727.53	9,015.15	1.96	-0.41	1.91	
13,017.00	89.76	133.250	5,238.64	-4,997.59	7,794.88	9,108.15	0.75	-0.14	-0.74	
13,109.00	89.68	132.670	5,239.09	-5,060.28	7,862.21	9,200.15	0.64	-0.09	-0.63	
13,201.00	89.65	131.790	5,239.63	-5,122.12	7,930.33	9,292.13	0.96	-0.03	-0.96	
13,293.00	90.69	133.980	5,239.36	-5,184.72	7,997.74	9,384.13	2.64	1.13	2.38	
13,386.00	90.18	132.650	5,238.65	-5,248.52	8,065.40	9,477.12	1.53	-0.55	-1.43	
13,478.00	89.41	130.850	5,238.98	-5,309.77	8,134.03	9,569.09	2.13	-0.84	-1.96	
13,571.00	91.10	134.630	5,238.56	-5,372.88	8,202.32	9,662.07	4.45	1.82	4.06	
13,662.00	91.26	134.460	5,236.69	-5,436.70	8,267.16	9,753.02	0.26	0.18	-0.19	
13,755.00	91.44	134.190	5,234.50	-5,501.66	8,333.67	9,845.97	0.35	0.19	-0.29	
13,847.00	91.80	133.560	5,231.90	-5,565.40	8,399.97	9,937.92	0.79	0.39	-0.68	
13,940.00	92.30	133.320	5,228.57	-5,629.30	8,467.45	10,030.86	0.60	0.54	-0.26	
14,033.00	89.78	132.950	5,226.88	-5,692.87	8,535.30	10,123.84	2.74	-2.71	-0.40	
14,125.00	90.41	132.900	5,226.73	-5,755.53	8,602.66	10,215.84	0.69	0.68	-0.05	
14,218.00	88.27	132.870	5,227.80	-5,818.81	8,670.80	10,308.82	2.30	-2.30	-0.03	
14,310.00	88.48	132.120	5,230.41	-5,880.93	8,738.61	10,400.78	0.85	0.23	-0.82	
14,403.00	90.25	132.490	5,231.44	-5,943.52	8,807.38	10,493.77	1.94	1.90	0.40	
14,495.00	91.22	132.510	5,230.26	-6,005.67	8,875.20	10,585.75	1.05	1.05	0.02	
14,587.00	91.11	131.740	5,228.39	-6,067.37	8,943.42	10,677.72	0.85	-0.12	-0.84	
14,680.00	90.34	132.800	5,227.21	-6,129.91	9,012.23	10,770.70	1.41	-0.83	1.14	
14,772.00	90.63	132.290	5,226.44	-6,192.12	9,080.01	10,862.70	0.64	0.32	-0.55	
14,865.00	88.23	133.670	5,227.36	-6,255.51	9,148.04	10,955.68	2.98	-2.58	1.48	
14,957.00	88.36	132.850	5,230.10	-6,318.53	9,215.01	11,047.64	0.90	0.14	-0.89	
15,049.00	88.75	132.210	5,232.42	-6,380.70	9,282.78	11,139.61	0.81	0.42	-0.70	
15,141.00	86.51	134.920	5,236.22	-6,444.04	9,349.38	11,231.51	3.82	-2.43	2.95	
15,234.00	92.44	135.130	5,237.08	-6,509.80	9,415.08	11,324.41	6.38	6.38	0.23	
15,326.00	92.89	134.560	5,232.80	-6,574.60	9,480.24	11,416.26	0.79	0.49	-0.62	
15,400.00	93.21	133.900	5,228.86	-6,626.15	9,533.19	11,490.14	0.99	0.43	-0.89	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Survey @ 15400.00 MD 5228.86 TVD									
15,415.80	93.21	133.900	5,227.98	-6,637.09	9,544.55	11,505.92	0.00	0.00	0.00
LTP @ 15415.80 MD 5227.98 TVD									
15,431.00	93.21	133.900	5,227.12	-6,647.61	9,555.49	11,521.09	0.00	0.00	0.00
330 ppd @ 15431.00 MD 5227.12 TVD									
15,460.00	93.21	133.900	5,225.50	-6,667.69	9,576.35	11,550.04	0.00	0.00	0.00
Survey proj. to 15460 MD 5225.50 TVD 257 FSL 207 FEL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
394.00	393.96	-4.84	1.47	MWD surveys
6,035.31	5,244.90	-242.79	2,693.28	FTP @ 6035.31 MD 5244.90 TVD
6,195.50	5,279.14	-346.90	2,809.62	9 5/8" Casing @ 6195.50 MD 5279.14 TVD
15,400.00	5,228.86	-6,626.15	9,533.19	Survey @ 15400.00 MD 5228.86 TVD
15,415.80	5,227.98	-6,637.09	9,544.55	LTP @ 15415.80 MD 5227.98 TVD
15,431.00	5,227.12	-6,647.61	9,555.49	330 ppd @ 15431.00 MD 5227.12 TVD
15,460.00	5,225.50	-6,667.69	9,576.35	Survey proj. to 15460 MD 5225.50 TVD 257 FSL 207 FEL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Project	San Juan County, New Mexico NAD83 NM W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	Nageezi Unit (213, 214, 215, 216, 217 & 218)				
Site Position:		Northing:	1,922,205.14 usft	Latitude:	36.28268900
From:	Lat/Long	Easting:	2,743,140.65 usft	Longitude:	-107.76530800
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.040 °

Well	Nageezi Unit 218H, Surf loc: 1705 FSL 754 FWL Section 26-T24N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,922,167.99 usft	Latitude:	36.28258700
	+E/-W	0.00 ft	Easting:	2,743,125.64 usft	Longitude:	-107.76535900
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,826.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/16/2024	8.494	62.722	49,029.93248587

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	133.035	

Survey Program	Date	7/25/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
394.00	6,112.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,209.00	15,400.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
15,460.00	15,460.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.000	0.00	0.00	0.00	1,922,167.99	2,743,125.64	36.28258700	-107.76535900
394.00	1.47	163.090	393.96	-4.84	1.47	1,922,163.16	2,743,127.11	36.28257371	-107.76535403
MWD surveys									
484.00	1.79	145.540	483.92	-7.10	2.60	1,922,160.90	2,743,128.25	36.28256749	-107.76535020
574.00	5.47	98.620	573.74	-8.90	7.64	1,922,159.09	2,743,133.28	36.28256253	-107.76533310
663.00	9.33	88.430	661.98	-9.34	19.05	1,922,158.65	2,743,144.69	36.28256131	-107.76529439
753.00	11.77	86.960	750.46	-8.65	35.51	1,922,159.34	2,743,161.16	36.28256316	-107.76523853
842.00	14.44	88.130	837.13	-7.81	55.67	1,922,160.18	2,743,181.32	36.28256544	-107.76517013
932.00	16.97	89.310	923.76	-7.29	80.02	1,922,160.71	2,743,205.67	36.28256683	-107.76508751
1,021.00	18.15	88.710	1,008.62	-6.82	106.87	1,922,161.18	2,743,232.51	36.28256807	-107.76499641



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,113.00	19.05	89.150	1,095.81	-6.27	136.21	1,922,161.72	2,743,261.85	36.28256951	-107.76489687
1,209.00	20.48	89.880	1,186.15	-6.00	168.67	1,922,161.99	2,743,294.31	36.28257018	-107.76478673
1,302.00	21.81	89.260	1,272.89	-5.75	202.22	1,922,162.25	2,743,327.86	36.28257082	-107.76467291
1,396.00	24.02	90.780	1,359.47	-5.78	238.81	1,922,162.21	2,743,364.46	36.28257066	-107.76454875
1,488.00	25.81	90.940	1,442.90	-6.37	277.56	1,922,161.63	2,743,403.21	36.28256898	-107.76441727
1,582.00	27.72	90.320	1,526.83	-6.82	319.89	1,922,161.17	2,743,445.53	36.28256764	-107.76427366
1,673.00	30.23	94.280	1,606.44	-8.65	363.91	1,922,159.34	2,743,489.55	36.28256253	-107.76412431
1,764.00	32.81	97.090	1,684.01	-13.40	411.23	1,922,154.59	2,743,536.87	36.28254938	-107.76396376
1,856.00	31.30	95.230	1,761.98	-18.66	459.77	1,922,149.33	2,743,585.41	36.28253484	-107.76379909
1,949.00	28.90	93.130	1,842.44	-22.09	506.27	1,922,145.90	2,743,631.91	36.28252533	-107.76364131
2,039.00	28.93	91.570	1,921.22	-23.87	549.75	1,922,144.12	2,743,675.39	36.28252034	-107.76349381
2,128.00	31.40	90.780	1,998.16	-24.78	594.45	1,922,143.21	2,743,720.10	36.28251777	-107.76334212
2,217.00	32.91	94.720	2,073.51	-27.08	641.74	1,922,140.91	2,743,767.38	36.28251134	-107.76318168
2,307.00	32.75	94.700	2,149.14	-31.09	690.37	1,922,136.90	2,743,816.01	36.28250024	-107.76301670
2,397.00	31.72	94.490	2,225.27	-34.94	738.22	1,922,133.06	2,743,863.86	36.28248957	-107.76285435
2,486.00	31.18	94.160	2,301.19	-38.44	784.52	1,922,129.55	2,743,910.17	36.28247986	-107.76269726
2,575.00	30.53	93.810	2,377.60	-41.61	830.06	1,922,126.38	2,743,955.70	36.28247105	-107.76254277
2,665.00	32.84	94.330	2,454.18	-44.98	877.21	1,922,123.02	2,744,002.85	36.28246172	-107.76238280
2,755.00	32.97	94.380	2,529.74	-48.69	925.96	1,922,119.30	2,744,051.60	36.28245142	-107.76221740
2,844.00	33.26	94.000	2,604.28	-52.24	974.45	1,922,115.75	2,744,100.09	36.28244157	-107.76205288
2,933.00	31.70	94.540	2,679.36	-55.79	1,022.11	1,922,112.20	2,744,147.75	36.28243171	-107.76189118
3,023.00	31.19	93.980	2,756.14	-59.28	1,068.93	1,922,108.71	2,744,194.57	36.28242203	-107.76173233
3,112.00	30.34	94.130	2,832.62	-62.50	1,114.34	1,922,105.49	2,744,239.98	36.28241309	-107.76157827
3,202.00	28.89	94.160	2,910.86	-65.72	1,158.70	1,922,102.28	2,744,284.34	36.28240417	-107.76142777
3,291.00	29.09	92.740	2,988.71	-68.31	1,201.75	1,922,099.68	2,744,327.39	36.28239696	-107.76128170
3,381.00	30.58	92.770	3,066.77	-70.46	1,246.47	1,922,097.53	2,744,372.12	36.28239096	-107.76112997
3,470.00	31.99	92.830	3,142.83	-72.72	1,292.64	1,922,095.27	2,744,418.28	36.28238466	-107.76097335
3,560.00	31.10	92.150	3,219.53	-74.77	1,339.67	1,922,093.22	2,744,465.32	36.28237893	-107.76081375
3,649.00	32.05	92.100	3,295.36	-76.50	1,386.24	1,922,091.50	2,744,511.89	36.28237409	-107.76065575
3,739.00	30.99	91.330	3,372.08	-77.91	1,433.27	1,922,090.08	2,744,558.91	36.28237011	-107.76049619
3,828.00	32.17	92.940	3,447.90	-79.66	1,479.84	1,922,088.34	2,744,605.49	36.28236522	-107.76033818
3,918.00	31.15	91.910	3,524.50	-81.66	1,527.04	1,922,086.33	2,744,652.68	36.28235961	-107.76017806
4,007.00	32.99	94.320	3,599.92	-84.26	1,574.21	1,922,083.74	2,744,699.85	36.28235239	-107.76001801
4,097.00	32.36	94.440	3,675.68	-87.97	1,622.66	1,922,080.03	2,744,748.30	36.28234210	-107.75985365
4,186.00	31.06	94.410	3,751.39	-91.58	1,669.30	1,922,076.42	2,744,794.94	36.28233208	-107.75969541
4,276.00	31.51	92.260	3,828.30	-94.29	1,715.95	1,922,073.71	2,744,841.59	36.28232453	-107.75953713
4,366.00	32.07	91.480	3,904.80	-95.83	1,763.33	1,922,072.16	2,744,888.98	36.28232019	-107.75937636
4,455.00	29.96	90.820	3,981.08	-96.76	1,809.18	1,922,071.23	2,744,934.82	36.28231755	-107.75922081
4,545.00	30.35	91.980	4,058.90	-97.87	1,854.38	1,922,070.13	2,744,980.02	36.28231441	-107.75906747
4,635.00	34.22	94.800	4,134.97	-100.77	1,902.34	1,922,067.22	2,745,027.98	36.28230633	-107.75890474
4,724.00	33.40	95.080	4,208.92	-105.04	1,951.68	1,922,062.96	2,745,077.32	36.28229451	-107.75873735
4,814.00	30.90	91.870	4,285.12	-107.98	1,999.46	1,922,060.01	2,745,125.10	36.28228631	-107.75857523
4,903.00	30.91	90.680	4,361.48	-109.00	2,045.16	1,922,058.99	2,745,170.80	36.28228342	-107.75842018
4,993.00	30.66	91.530	4,438.80	-109.89	2,091.21	1,922,058.11	2,745,216.85	36.28228089	-107.75826393
5,082.00	31.05	89.870	4,515.21	-110.44	2,136.85	1,922,057.55	2,745,262.49	36.28227927	-107.75810908
5,172.00	31.14	89.620	4,592.28	-110.24	2,183.33	1,922,057.76	2,745,308.97	36.28227974	-107.75795138
5,262.00	31.52	90.860	4,669.15	-110.43	2,230.13	1,922,057.56	2,745,355.76	36.28227909	-107.75779261
5,351.00	32.72	92.370	4,744.53	-111.78	2,277.42	1,922,056.22	2,745,403.06	36.28227530	-107.75763213
5,441.00	31.80	93.070	4,820.64	-114.05	2,325.41	1,922,053.94	2,745,451.05	36.28226894	-107.75746934
5,530.00	31.42	92.230	4,896.43	-116.21	2,372.00	1,922,051.78	2,745,497.64	36.28226291	-107.75731124
5,575.00	30.94	92.160	4,934.93	-117.10	2,395.28	1,922,050.89	2,745,520.92	36.28226041	-107.75723226
5,620.00	32.48	95.490	4,973.22	-118.70	2,418.87	1,922,049.30	2,745,544.51	36.28225599	-107.75715222
5,664.00	34.89	100.420	5,009.83	-122.10	2,443.02	1,922,045.89	2,745,568.66	36.28224657	-107.75707031
5,709.00	37.73	104.760	5,046.10	-127.94	2,469.00	1,922,040.05	2,745,594.64	36.28223048	-107.75698217
5,753.00	40.89	108.590	5,080.14	-135.97	2,495.68	1,922,032.03	2,745,621.32	36.28220838	-107.75689167



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,798.00	44.11	112.260	5,113.32	-146.60	2,524.15	1,922,021.40	2,745,649.78	36.28217911	-107.75679512
5,843.00	48.36	114.390	5,144.44	-159.48	2,553.97	1,922,008.51	2,745,679.61	36.28214366	-107.75669396
5,888.00	52.78	116.840	5,173.02	-174.52	2,585.29	1,921,993.47	2,745,710.93	36.28210227	-107.75658774
5,933.00	57.20	119.760	5,198.83	-192.01	2,617.72	1,921,975.98	2,745,743.35	36.28205415	-107.75647776
5,978.00	62.12	123.260	5,221.56	-212.32	2,650.79	1,921,955.67	2,745,776.43	36.28199828	-107.75636559
6,022.00	68.02	126.840	5,240.11	-235.25	2,683.42	1,921,932.75	2,745,809.06	36.28193524	-107.75625496
6,035.31	69.74	127.953	5,244.90	-242.79	2,693.28	1,921,925.21	2,745,818.92	36.28191451	-107.75622152
FTP @ 6035.31 MD 5244.90 TVD									
6,067.00	73.85	130.510	5,254.80	-261.83	2,716.59	1,921,906.17	2,745,842.22	36.28186215	-107.75614249
6,112.00	79.13	132.600	5,265.31	-290.85	2,749.31	1,921,877.15	2,745,874.95	36.28178236	-107.75603154
6,195.50	81.81	133.203	5,279.14	-346.90	2,809.62	1,921,821.09	2,745,935.26	36.28162825	-107.75582705
9 5/8" Casing @ 6195.50 MD 5279.14 TVD									
6,209.00	82.24	133.300	5,281.01	-356.06	2,819.36	1,921,811.93	2,745,945.00	36.28160306	-107.75579404
6,253.00	82.30	133.030	5,286.93	-385.89	2,851.16	1,921,782.11	2,745,976.80	36.28152105	-107.75568622
6,296.00	85.25	134.220	5,291.59	-415.38	2,882.10	1,921,752.62	2,746,007.74	36.28143998	-107.75558133
6,384.00	87.86	135.320	5,296.88	-477.23	2,944.46	1,921,690.76	2,746,070.09	36.28126991	-107.75536994
6,472.00	87.72	134.760	5,300.27	-539.46	3,006.59	1,921,628.54	2,746,132.23	36.28109885	-107.75515929
6,560.00	90.52	134.080	5,301.62	-601.04	3,069.43	1,921,566.96	2,746,195.07	36.28092955	-107.75494626
6,648.00	91.30	134.630	5,300.23	-662.55	3,132.34	1,921,505.45	2,746,257.98	36.28076043	-107.75473297
6,736.00	90.54	132.820	5,298.81	-723.36	3,195.93	1,921,444.63	2,746,321.56	36.28059323	-107.75451741
6,824.00	89.97	132.540	5,298.42	-783.02	3,260.62	1,921,384.98	2,746,386.26	36.28042921	-107.75429808
6,911.00	90.68	132.970	5,297.93	-842.08	3,324.50	1,921,325.92	2,746,450.13	36.28026682	-107.75408151
6,999.00	89.70	133.460	5,297.64	-902.33	3,388.63	1,921,265.66	2,746,514.27	36.28010115	-107.75386409
7,086.00	88.28	132.440	5,299.17	-961.60	3,452.30	1,921,206.40	2,746,577.93	36.27993820	-107.75364825
7,173.00	88.65	132.110	5,301.50	-1,020.10	3,516.65	1,921,147.89	2,746,642.28	36.27977734	-107.75343008
7,260.00	88.76	131.470	5,303.47	-1,078.06	3,581.50	1,921,089.93	2,746,707.13	36.27961797	-107.75321022
7,348.00	89.04	130.630	5,305.16	-1,135.84	3,647.85	1,921,032.15	2,746,773.48	36.27945910	-107.75298527
7,435.00	90.90	132.850	5,305.20	-1,193.76	3,712.76	1,920,974.24	2,746,838.39	36.27929985	-107.75276520
7,523.00	91.28	133.640	5,303.53	-1,254.04	3,776.85	1,920,913.96	2,746,902.48	36.27913412	-107.75254793
7,611.00	91.03	133.360	5,301.75	-1,314.60	3,840.67	1,920,853.40	2,746,966.30	36.27896760	-107.75233157
7,699.00	90.53	131.880	5,300.56	-1,374.18	3,905.41	1,920,793.82	2,747,031.05	36.27880378	-107.75211207
7,786.00	90.99	132.080	5,299.40	-1,432.37	3,970.08	1,920,735.63	2,747,095.72	36.27864379	-107.75189283
7,874.00	90.97	131.530	5,297.90	-1,491.02	4,035.67	1,920,676.98	2,747,161.31	36.27848252	-107.75167047
7,962.00	88.98	132.000	5,297.94	-1,549.63	4,101.30	1,920,618.37	2,747,226.94	36.27832136	-107.75144796
8,048.00	88.55	131.180	5,299.79	-1,606.70	4,165.61	1,920,561.29	2,747,291.24	36.27816443	-107.75122995
8,136.00	89.42	132.860	5,301.35	-1,665.60	4,230.97	1,920,502.40	2,747,356.61	36.27800249	-107.75100836
8,224.00	88.93	132.270	5,302.62	-1,725.12	4,295.78	1,920,442.88	2,747,421.41	36.27783883	-107.75078867
8,312.00	89.16	134.010	5,304.08	-1,785.28	4,359.98	1,920,382.72	2,747,485.61	36.27767341	-107.75057103
8,400.00	91.45	134.120	5,303.61	-1,846.48	4,423.21	1,920,321.52	2,747,548.84	36.27750515	-107.75035669
8,488.00	91.31	134.140	5,301.49	-1,907.73	4,486.35	1,920,260.27	2,747,611.99	36.27733673	-107.75014264
8,575.00	91.41	133.800	5,299.43	-1,968.12	4,548.95	1,920,199.88	2,747,674.58	36.27717070	-107.74993044
8,663.00	90.89	132.560	5,297.66	-2,028.32	4,613.10	1,920,139.68	2,747,738.74	36.27700517	-107.74971295
8,750.00	91.03	131.740	5,296.21	-2,086.70	4,677.59	1,920,081.30	2,747,803.23	36.27684465	-107.74949433
8,838.00	91.38	133.240	5,294.35	-2,146.12	4,742.47	1,920,021.88	2,747,868.10	36.27668125	-107.74927440
8,924.00	91.33	132.510	5,292.32	-2,204.62	4,805.47	1,919,963.38	2,747,931.11	36.27652041	-107.74906081
9,012.00	91.59	131.660	5,290.08	-2,263.58	4,870.76	1,919,904.42	2,747,996.40	36.27635828	-107.74883949
9,099.00	90.09	132.250	5,288.80	-2,321.73	4,935.45	1,919,846.26	2,748,061.09	36.27619837	-107.74862019
9,187.00	90.34	131.780	5,288.47	-2,380.63	5,000.83	1,919,787.36	2,748,126.47	36.27603641	-107.74839855
9,275.00	90.03	134.410	5,288.19	-2,440.75	5,065.09	1,919,727.25	2,748,190.72	36.27587111	-107.74818074
9,363.00	89.84	133.440	5,288.29	-2,501.80	5,128.47	1,919,666.20	2,748,254.10	36.27570326	-107.74796589
9,450.00	89.84	132.420	5,288.53	-2,561.05	5,192.17	1,919,606.95	2,748,317.80	36.27554033	-107.74774996
9,538.00	89.83	134.810	5,288.79	-2,621.75	5,255.87	1,919,546.25	2,748,381.51	36.27537343	-107.74753401
9,626.00	89.66	133.720	5,289.18	-2,683.17	5,318.89	1,919,484.83	2,748,444.52	36.27520455	-107.74732040
9,714.00	89.74	133.020	5,289.64	-2,743.60	5,382.86	1,919,424.40	2,748,508.49	36.27503839	-107.74710356
9,801.00	90.38	134.180	5,289.55	-2,803.60	5,445.86	1,919,364.40	2,748,571.49	36.27487343	-107.74689000



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,889.00	90.10	133.390	5,289.18	-2,864.49	5,509.39	1,919,303.51	2,748,635.02	36.27470600	-107.74667466
9,977.00	90.46	135.130	5,288.75	-2,925.90	5,572.41	1,919,242.10	2,748,698.04	36.27453714	-107.74646104
10,065.00	91.95	135.610	5,286.90	-2,988.51	5,634.22	1,919,179.49	2,748,759.85	36.27436499	-107.74625155
10,153.00	91.38	134.870	5,284.34	-3,050.97	5,696.15	1,919,117.03	2,748,821.79	36.27419326	-107.74604161
10,241.00	91.31	133.990	5,282.27	-3,112.55	5,758.98	1,919,055.45	2,748,884.61	36.27402393	-107.74582867
10,328.00	91.21	133.030	5,280.36	-3,172.44	5,822.06	1,918,995.56	2,748,947.69	36.27385927	-107.74561484
10,416.00	91.37	132.660	5,278.38	-3,232.26	5,886.56	1,918,935.74	2,749,012.20	36.27369476	-107.74539619
10,504.00	91.48	131.900	5,276.19	-3,291.45	5,951.65	1,918,876.55	2,749,077.28	36.27353202	-107.74517556
10,591.00	91.64	131.330	5,273.82	-3,349.20	6,016.67	1,918,818.80	2,749,142.30	36.27337319	-107.74495516
10,679.00	91.25	130.530	5,271.60	-3,406.84	6,083.13	1,918,761.16	2,749,208.77	36.27321471	-107.74472986
10,766.00	91.57	130.100	5,269.46	-3,463.11	6,149.45	1,918,704.89	2,749,275.08	36.27305996	-107.74450505
10,854.00	90.48	132.870	5,267.89	-3,521.39	6,215.36	1,918,646.62	2,749,340.99	36.27289970	-107.74428165
10,942.00	90.80	133.180	5,266.91	-3,581.43	6,279.68	1,918,586.58	2,749,405.32	36.27273460	-107.74406360
11,029.00	91.09	132.800	5,265.47	-3,640.74	6,343.31	1,918,527.26	2,749,468.95	36.27257150	-107.74384792
11,117.00	91.52	132.210	5,263.47	-3,700.18	6,408.17	1,918,467.82	2,749,533.80	36.27240805	-107.74362808
11,203.00	89.09	134.530	5,263.01	-3,759.23	6,470.68	1,918,408.77	2,749,596.31	36.27224568	-107.74341621
11,291.00	89.74	134.850	5,263.91	-3,821.11	6,533.24	1,918,346.89	2,749,658.87	36.27207552	-107.74320418
11,378.00	89.58	134.620	5,264.42	-3,882.35	6,595.04	1,918,285.66	2,749,720.67	36.27190716	-107.74299471
11,465.00	89.28	133.830	5,265.29	-3,943.02	6,657.38	1,918,224.98	2,749,783.01	36.27174031	-107.74278341
11,553.00	89.47	133.210	5,266.25	-4,003.62	6,721.19	1,918,164.39	2,749,846.82	36.27157369	-107.74256714
11,640.00	89.35	132.920	5,267.15	-4,063.02	6,784.74	1,918,104.98	2,749,910.37	36.27141035	-107.74235172
11,727.00	89.25	132.460	5,268.21	-4,122.00	6,848.69	1,918,046.00	2,749,974.32	36.27124815	-107.74213498
11,815.00	91.56	133.130	5,267.59	-4,181.78	6,913.25	1,917,986.22	2,750,038.88	36.27108376	-107.74191613
11,903.00	91.35	132.570	5,265.35	-4,241.61	6,977.75	1,917,926.39	2,750,103.38	36.27091925	-107.74169753
12,001.00	93.33	133.340	5,261.35	-4,308.33	7,049.41	1,917,859.67	2,750,175.04	36.27073578	-107.74145464
12,093.00	93.67	132.940	5,255.73	-4,371.12	7,116.41	1,917,796.88	2,750,242.04	36.27056311	-107.74122753
12,185.00	93.93	132.670	5,249.64	-4,433.50	7,183.76	1,917,734.51	2,750,309.39	36.27039158	-107.74099925
12,278.00	92.50	132.750	5,244.42	-4,496.48	7,251.99	1,917,671.53	2,750,377.62	36.27021839	-107.74076800
12,370.00	92.77	132.310	5,240.19	-4,558.60	7,319.72	1,917,609.40	2,750,445.34	36.27004756	-107.74053845
12,463.00	90.32	133.010	5,237.68	-4,621.59	7,388.08	1,917,546.41	2,750,513.71	36.26987433	-107.74030675
12,555.00	89.36	131.050	5,237.94	-4,683.19	7,456.41	1,917,484.82	2,750,582.04	36.26970495	-107.74007514
12,648.00	89.95	133.550	5,238.50	-4,745.77	7,525.19	1,917,422.23	2,750,650.82	36.26953285	-107.73984203
12,740.00	89.90	132.620	5,238.62	-4,808.61	7,592.38	1,917,359.39	2,750,718.01	36.26936004	-107.73961430
12,832.00	90.27	132.180	5,238.49	-4,870.65	7,660.32	1,917,297.36	2,750,785.94	36.26918944	-107.73938403
12,924.00	89.89	133.940	5,238.36	-4,933.46	7,727.53	1,917,234.54	2,750,853.16	36.26901672	-107.73915622
13,017.00	89.76	133.250	5,238.64	-4,997.59	7,794.88	1,917,170.42	2,750,920.51	36.26884037	-107.73892794
13,109.00	89.68	132.670	5,239.09	-5,060.28	7,862.21	1,917,107.72	2,750,987.84	36.26866796	-107.73869975
13,201.00	89.65	131.790	5,239.63	-5,122.12	7,930.33	1,917,045.89	2,751,055.96	36.26849792	-107.73846887
13,293.00	90.69	133.980	5,239.36	-5,184.72	7,997.74	1,916,983.28	2,751,123.36	36.26832576	-107.73824042
13,386.00	90.18	132.650	5,238.65	-5,248.52	8,065.40	1,916,919.49	2,751,191.03	36.26815033	-107.73801110
13,478.00	89.41	130.850	5,238.98	-5,309.77	8,134.03	1,916,858.23	2,751,259.66	36.26798187	-107.73777848
13,571.00	91.10	134.630	5,238.56	-5,372.88	8,202.32	1,916,795.13	2,751,327.95	36.26780834	-107.73754704
13,662.00	91.26	134.460	5,236.69	-5,436.70	8,267.16	1,916,731.31	2,751,392.79	36.26763284	-107.73732729
13,755.00	91.44	134.190	5,234.50	-5,501.66	8,333.67	1,916,666.35	2,751,459.30	36.26745420	-107.73710188
13,847.00	91.80	133.560	5,231.90	-5,565.40	8,399.97	1,916,602.61	2,751,525.59	36.26727893	-107.73687722
13,940.00	92.30	133.320	5,228.57	-5,629.30	8,467.45	1,916,538.70	2,751,593.08	36.26710319	-107.73664851
14,033.00	89.78	132.950	5,226.88	-5,692.87	8,535.30	1,916,475.13	2,751,660.93	36.26692838	-107.73641856
14,125.00	90.41	132.900	5,226.73	-5,755.53	8,602.66	1,916,412.48	2,751,728.29	36.26675607	-107.73619025
14,218.00	88.27	132.870	5,227.80	-5,818.81	8,670.80	1,916,349.20	2,751,796.43	36.26658205	-107.73595934
14,310.00	88.48	132.120	5,230.41	-5,880.93	8,738.61	1,916,287.07	2,751,864.23	36.26641120	-107.73572953
14,403.00	90.25	132.490	5,231.44	-5,943.52	8,807.38	1,916,224.48	2,751,933.01	36.26623907	-107.73549645
14,495.00	91.22	132.510	5,230.26	-6,005.67	8,875.20	1,916,162.34	2,752,000.83	36.26606816	-107.73526659
14,587.00	91.11	131.740	5,228.39	-6,067.37	8,943.42	1,916,100.64	2,752,069.05	36.26589849	-107.73503539
14,680.00	90.34	132.800	5,227.21	-6,129.91	9,012.23	1,916,038.09	2,752,137.86	36.26572647	-107.73480218
14,772.00	90.63	132.290	5,226.44	-6,192.12	9,080.01	1,915,975.89	2,752,205.64	36.26555540	-107.73457248



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 218H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 218H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
14,865.00	88.23	133.670	5,227.36	-6,255.51	9,148.04	1,915,912.50	2,752,273.67	36.26538107	-107.73434193
14,957.00	88.36	132.850	5,230.10	-6,318.53	9,215.01	1,915,849.48	2,752,340.64	36.26520776	-107.73411498
15,049.00	88.75	132.210	5,232.42	-6,380.70	9,282.78	1,915,787.31	2,752,408.41	36.26503678	-107.73388529
15,141.00	86.51	134.920	5,236.22	-6,444.04	9,349.38	1,915,723.97	2,752,475.01	36.26486260	-107.73365960
15,234.00	92.44	135.130	5,237.08	-6,509.80	9,415.08	1,915,658.21	2,752,540.71	36.26468178	-107.73343697
15,326.00	92.89	134.560	5,232.80	-6,574.60	9,480.24	1,915,593.40	2,752,605.86	36.26450356	-107.73321617
15,400.00	93.21	133.900	5,228.86	-6,626.15	9,533.19	1,915,541.86	2,752,658.81	36.26436181	-107.73303674
Survey @ 15400.00 MD 5228.86 TVD									
15,415.80	93.21	133.900	5,227.98	-6,637.09	9,544.55	1,915,530.92	2,752,670.18	36.26433173	-107.73299822
LTP @ 15415.80 MD 5227.98 TVD									
15,431.00	93.21	133.900	5,227.12	-6,647.61	9,555.49	1,915,520.40	2,752,681.12	36.26430279	-107.73296116
330 ppd @ 15431.00 MD 5227.12 TVD									
15,460.00	93.21	133.900	5,225.50	-6,667.69	9,576.35	1,915,500.32	2,752,701.98	36.26424758	-107.73289046
Survey proj. to 15460 MD 5225.50 TVD 257 FSL 207 FEL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
394.00	393.96	-4.84	1.47	MWD surveys
6,035.31	5,244.90	-242.79	2,693.28	FTP @ 6035.31 MD 5244.90 TVD
6,195.50	5,279.14	-346.90	2,809.62	9 5/8" Casing @ 6195.50 MD 5279.14 TVD
15,400.00	5,228.86	-6,626.15	9,533.19	Survey @ 15400.00 MD 5228.86 TVD
15,415.80	5,227.98	-6,637.09	9,544.55	LTP @ 15415.80 MD 5227.98 TVD
15,431.00	5,227.12	-6,647.61	9,555.49	330 ppd @ 15431.00 MD 5227.12 TVD
15,460.00	5,225.50	-6,667.69	9,576.35	Survey proj. to 15460 MD 5225.50 TVD 257 FSL 207 FEL

a Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-105 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: NAGEEZI UNIT 218H	Property Code: 325268
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38298
Pool Name: NAGEEZI UNIT MANCOS OIL	Pool Code: 98080

Section 2 – Well Location

	UL or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	L	26	24N	9W		1705	SOUTH	754	WEST	SAN JUAN
BHL:	P	36	24N	9W		278	SOUTH	228	EAST	SAN JUAN

Section 3 – Completion Information

Date TD Reached 7/24/2024	Total Measured Depth of Well 15460	Acid Volume (bbls) 0	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 7/26/2024	Plug-Back Measured Depth 15437	Completion Fluid Used (bbls) 130731	Were Logs Ran (Y/N): N
Completion Date 11/2/2024	Perforations (MD and TVD) 6045-15391 MD 5248-5229 TVD	Completion Proppant Used (lbs) 9409089	List Type of Logs Ran if applicable: N/A

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 388489	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID: 362804	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 368509	Cement Squeeze Action ID (if applicable):
Tubing Action ID: 400288	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: 368509	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production: 11/4/2024	Production Method: Flowing Gas Lift	Well Status: Active Producing	Gas – Oil Ratio: 1600
Date of Test: 11/7/2024	Choke Size: 64/64	Flowing Tubing Pressure: 121	Casing Pressure: 751
24 hr Oil (bbls): 418	24 hr Gas (MCF): 669	24 hr Water (bbls): 621	Oil Gravity – API:
Disposition of Gas: SOLD			

Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit. ☒ A Closed Loop System was used. ☐ If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____

Section 7 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name: Shaw-Marie Ford	
Title: Regulatory Specialist	Date: 12/12/2024

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose	-	-	-
T. Salt				T. Nacimiento	0	0	-
B. Salt				T. Ojo Alamo	831	831	W/G
T. Yates				T. Kirtland	956	956	G
T. 7 Rivers				T. Fruitland	1265	1245	G
T. Queen				T. Pictured Cliffs	1657	1589	G
T. Grayburg				T. Lewis Shale	1786	1698	G
T. San Andres				T. Chacra	2137	1997	G
T. Glorieta				T. Cliff House	-	-	G
T. Yeso				T. Menefee	3447	3113	G
T. Paddock				T. Point Lookout	4541	4044	G
T. Blinebry				T. Mancos	4779	4248	O/G
T.Tubb				T. Gallup	5618	4961	O/G
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T. Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

11/13/2024

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14011834
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217H,218H	APD ID 10400077943

Section 1 - General

Well Completion Report Id: 93648**Submission Date:** 11-12-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** INDIAN**Lease Number:** NOG14011834**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** INDIAN**Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** YES**APD Operator:** DJR OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** NAGEEZI UNIT MANCOS**Field Name:** BASIN MANCOS**Well Type:** OIL WELL**Spud Date:** 05-22-2024**Date Total Measured Depth Reached:** 07-24-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14011834
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077943

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		6826	831	832	USEABLE WATER	
KIRTLAND	SHALE		5908	956	960	NONE	
FRUITLAND	COAL		5608	1245	1265	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5271	1589	1657	USEABLE WATER	
LEWIS	SHALE		5170	1698	1786	NONE	
CHACRA	SANDSTONE		4459	1997	2137	NONE	
MENEFEE	COAL, SANDSTONE		3737	3113	3447	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		2805	4044	4541	NONE	
MANCOS	SANDSTONE, SHALE		2633	4248	4779	NONE	
GALLUP	SANDSTONE		1767	4961	5618	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
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Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14011834
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077943

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM132981A	NOG14011834	NEW		POW	11-02-2024	11-04-2024	GALLUP	6045	15391	Y	.3	1410	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	130731	9409089	Chemical Disclosure uploaded to FracFocus on 10/17/2024.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			GAS LIFT		SOLD	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14011834
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077943

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	11/07/2024	24	418	669	621	1600	64/64	121		751

Well Location

Survey Type: RECTANGULAR	Survey Number:	
Datum: NAD83	Vertical Datum: NAVD88	Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.282587	-107.765359	6826	N/A	N/A	INDIAN	NOG14011834				1705	FSL	754	FWL	24N	9W	26	NWSW
KOP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.282587	-107.765359	6476	350	350	INDIAN	NOG14011834				1705	FSL	754	FWL	24N	9W	26	NWSW
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.270419	-107.741028	1578	15391	5248	STATE	STATE				2528	FSL	2620	FEL	24N	9W	36	NWSE
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.267128	-107.736675	1578	15391	5248	STATE	STATE				1317	FSL	1329	FEL	24N	9W	36	SWSE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14011834
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077943

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.277267	-107.75006	1578	15391	5248	STATE	STATE				193	FNL	1	FWL	24N	9W	36	NWNW
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.281915	-107.756222	1578	6045	5248	FEDERAL	NMSF78860				1410	FSL	1816	FEL	24N	9W	26	NWSE
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.277799	-107.750769	1578	15391	5248	INDIAN	NOG14031919				1	FNL	209	FEL	24N	9W	35	NENE
EXIT Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.264332	-107.732998	1601	15391	5225	STATE	STATE				288	FSL	239	FEL	24N	9W	36	SESE
BHL Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.264303	-107.732961	1601	15460	5225	STATE	STATE	5225	15437		278	FSL	228	FEL	24N	9W	36	SESE

Casing, Liner and Tubing

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14011834
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077943

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	12.25	0	382	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	6195	7.0	26	K-55		LT&C		
00	LINER	6.125	5984	15450	4.5	11.6	P-110		BUTT		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		I-II	109	1.61	0					31.3
00	INTERMEDIATE		III	572	2.15	0	POZ/G	168	1.71	3953	270.2
00	LINER		POZ/G	757	1.52	5984					204.9

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		6479	6013	6	L-80		SLIM LINE HIGH PERFORMANCE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
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Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077943

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	NO	NO	NO	YES	NO	YES

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: DJR OPERATING LLC

Signed By: SHAW-MARIE FORD	Title: Regulatory Specialist	Signed on: 11/12/2024
Street Address: 200 ENERGY COURT		
City: FARMINGTON	State: NM	Zip: 87401
Phone: (505)636-9720		
Email address: SFORD@ENDURINGRESOURCES.COM		

Field

Representative Name:

Street Address:

City:	State:	Zip:
Phone:	Extension:	
Email address:		

Attachments

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 218H	US Well Number 3004538298
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14011834
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217H,218H	APD ID 10400077943

218H_MWD_20241112062927.pdf

NU_218H_AsDrilled_C102_and_WBD_20241112062940.pdf

CONFIDENTIAL

From: blm-afmss-notifications@blm.gov
To: [Shaw-Marie Ford](#)
Subject: Well Name: NAGEEZI UNIT, Well Number: 218H, Notification of Well Completion Acceptance
Date: Wednesday, November 13, 2024 10:51:54 AM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **DJR OPERATING LLC**
- Well Name: **NAGEEZI UNIT**
- Well Number: **218H**
- US Well Number: **3004538298**
- Well Completion Report Id: **WCR2024111393648**

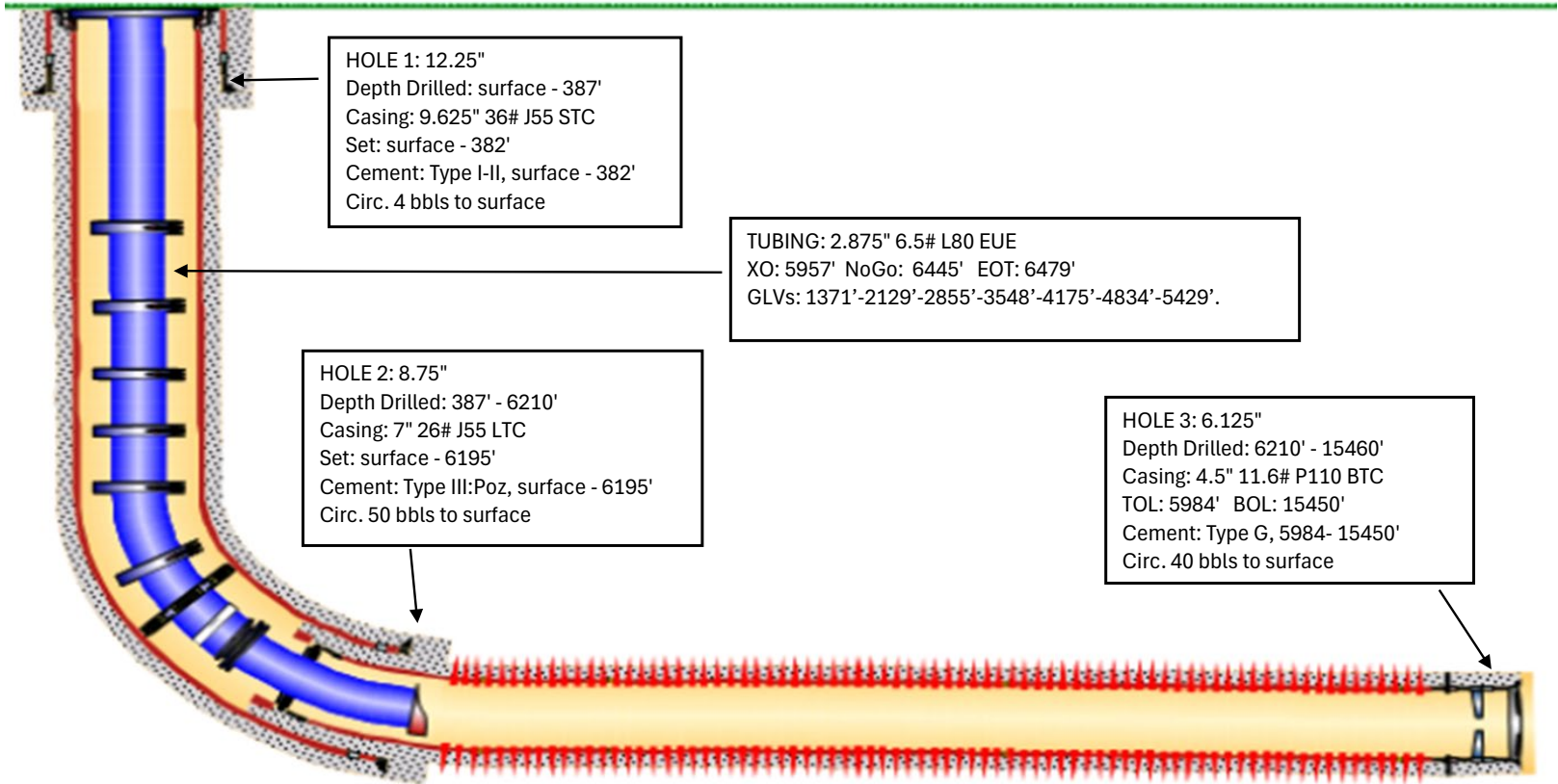
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

NAGEEZI UNIT 218H

API: 30-045-38298
SHL: NWSW L-26-24N-09W
1705' FSL x 754' FWL

Elevation: 6826' GL
Spud Date: 5/22/2024
Completed Date: 11/2/2024

FORMATION	MD	TVD
Nacimiento	0	0
Ojo Alamo	832	831
Kirtland	960	956
Fruitland	1,265	1,245
Pictured Cliffs	1,657	1,589
Lewis	1,786	1,698
Chacra	2,137	1,997
Cliff House	3,412	3,083
Menefee	3,447	3,113
Point Lookout	4,541	4,044
Mancos	4,779	4,246
KOP~	5,651	4,988
Gallup	5,618	4,961



Perf: 47 Stages	Frac: 47 Stages
Depth: 6045'-15391' MD	130,731 bbls of fluid
5248' - 5229' TVD	9,409,089 lbs of proppant
Total of 1410 Open Holes	

TD	15460'
PBTD	15437'
TVD	5225'

Toe Sleeve	
Top	Bottom
15410'	15415'

(NAD83)	LAT.	LONG.
SHL:	36.282587	-107.765359
FTP:	36.281915	-107.756222
LTP:	36.264332	-107.732996
BHL:	36.264303	-107.732961

BHL: SESE P-36-24N-09W
278' FSL x 228' FEL

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 411102

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 411102
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☒	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Sante Fe Main Office
Phone: (505) 476-3441

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 411102

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 411102
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/19/2024